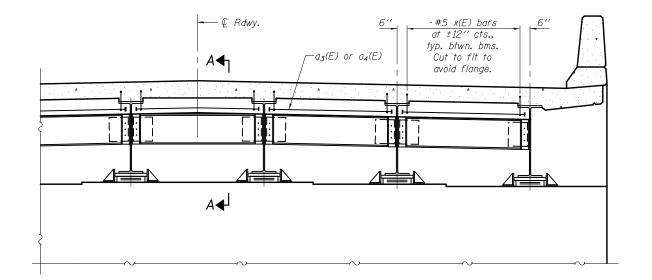
CELL / MODEL NAME	DESCRIPTION				
DEA-SB2448-0	-0 Diaphragm Expansion Abutment; Steel beam 24-48 inch beam depth; No skew				
DEA-SB2448-LR	Diaphragm Expansion Abutment; Steel beam 24-48 inch beam depth; L/R skew	11/22/2016			
DEA-SB-Greater than 48-0	Diaphragm Expansion Abutment; Steel beam Greater than 48 inch beam depth; No skew	11/22/2016			
DEA-SB-Greater than 48-LR	Diaphragm Expansion Abutment; Steel beam Greater than 48 inch beam depth; L/R skew	11/22/2016			

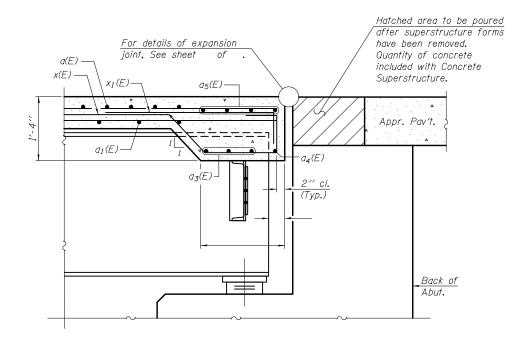


Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet of .

Concrete in diaphragm is included with Concrete Superstructure

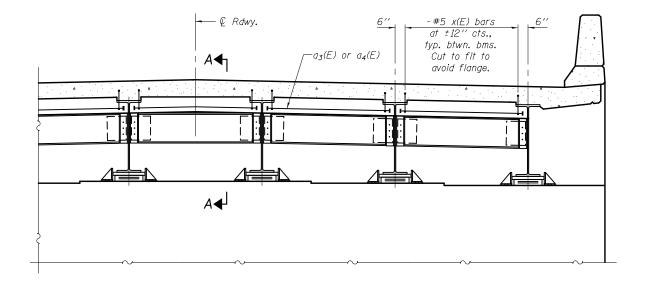
For details of bars x(E) and $x_1(E)$ see sheet of .



SECTION A-A

DEA-SB2448-0 11-22-2016

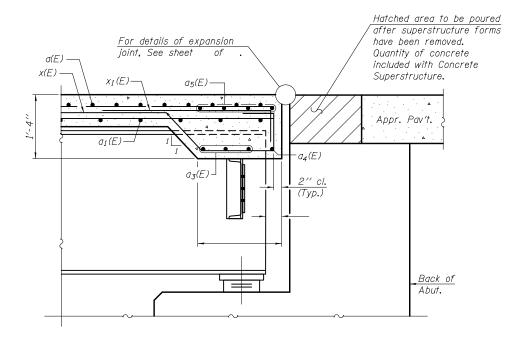
FILE NAME =	USER NAME =	DESIGNED -	REVISED -		DIAPHRAGM DETAILS F.A. RTE.	F.A.	SECTION	COUNTY	RACT NO.	
		CHECKED -	REVISED -	STATE OF ILLINOIS		1010.			SHEETS	-10.
PLOT SCALE =	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.			CONTRACT	NO.	-
	PLOT DATE =	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT		ID PROJECT		



Reinforcement bars in diaphragm are billed with superstructure on sheet of .

Concrete in diaphragm is included with Concrete Superstructure

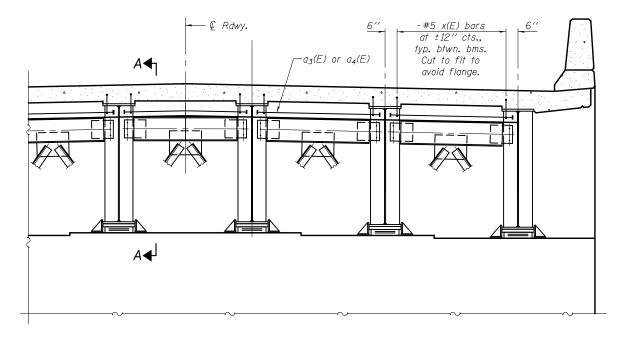
on sheet of . The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams. For details of bars x(E) and $x_1(E)$ see sheet of .



SECTION A-A (at Rt. L's)

DEA-SB2448-LR 11-22-2016

FILE NAME =	USER NAME =	DESIGNED -	REVISED -		DIAPHRAGM DETAILS	F.A.	SECTION	COUNTY	TOTAL S	SHEET NO.
		CHECKED -	REVISED -	STATE OF ILLINOIS	CTRUCTURE NO	K12.			51.22.0	
PLOT SCALE =	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NU.			CONTRACT	NO.	
PL	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS FED. A	ID PROJECT		

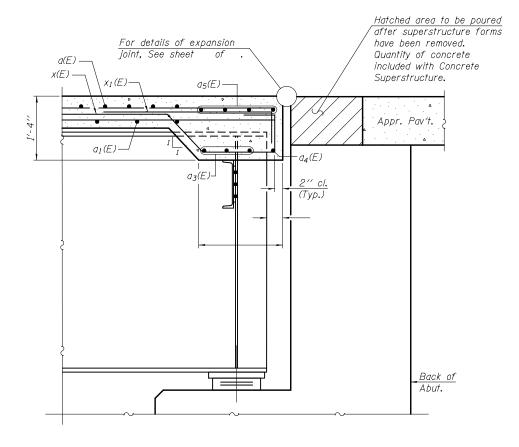


(Full cross frame not shown for clarity)

Reinforcement bars in diaphragm are billed with superstructure on sheet of .

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

For details of bars x(E) and $x_1(E)$ see sheet of .



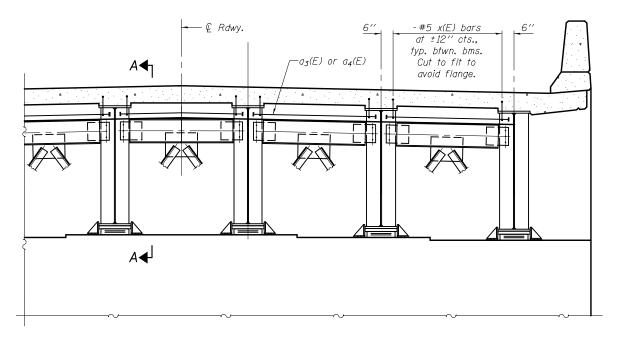
SECTION A-A

DEA-SB>48-0

11-22-2016 FILE NAME = USER NAME = DESIGNED -REVISED -CHECKED -REVISED -PLOT SCALE = DRAWN REVISED -PLOT DATE = CHECKED -REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** DIAPHRAGM DETAILS STRUCTURE NO.

SECTION COUNTY CONTRACT NO.

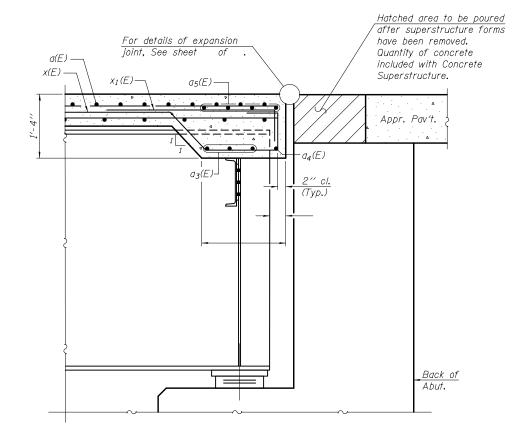


(Full cross frame not shown for clarity)

Reinforcement bars in diaphragm are billed with superstructure on sheet of .

Concrete in diaphragm is included with Concrete Superstructure

on sheet of . The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams. For details of bars x(E) and $x_1(E)$ see sheet of .



SECTION A-A (at Rt. L's)

DEA-SB>48-LR 11-22-2016

FILE NAME =	USER NAME =	DESIGNED -	REVISED -		DIAPHRAGM DETAILS	F.A.	SECTION	COUNTY	TOTAL	SHEET
		CHECKED -	REVISED -	STATE OF ILLINOIS		IXIC.			SHEETS	110.
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.	-		CONTRACT	Γ NO.	
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS FED. AID		ID PROJECT	